



Dual AMD OPTERON™ Socket F Dual Core SMP Workstation with PCI-Express

The flagship of affordable Dual 64 bit OPTERON™ workstation aimed at compute intensive compiling and visualization workstation applications. These systems employ Integrity's QuietClient™ design parameters. AMD's Hypertransport™ chipset technology increases overall performance by reducing or eliminating I/O bottlenecks, a must for the power programmer. The new Socket F 1207 Opteron™ Dual Core CPUs have **AMD-V™ Virtualization** capabilities making this the one of the most versatile and powerful workstations Integrity has ever offered. Both 32 bit and 64 bit applications will run flawlessly with the latest Linux Operating Systems. With the advent of the Dual Core Opteron™ Processor, new levels of performance are possible an unparalleled price. **These systems will run Integrity IDEAS diskless 64 bit O/S for secure computing and offer the highest performance in diskless visualization workstations.**

Features		Features	
Dimension	<ul style="list-style-type: none"> Midtower, extended length (H) 17"x (W) 8" x (D) 23" 55lbs 120mm rear cooling fan, COLOR BLACK 	Graphics	<ul style="list-style-type: none"> on brd video ATI ES1000 with 32M low end GX. PCI EXPRESS Graphics offering a host of Nvidia, ATI or 3DFX OpenGL graphics adapters
Front Panel I/O	<ul style="list-style-type: none"> (2) USB 2.0 ports PS/2 Keyboard & Mouse (2) DB9pin Serial Ports (4) USB (two rear two front) (1) Parallel Port 	Audio	<ul style="list-style-type: none"> on brd AC97 sound
Drive Bays	<ul style="list-style-type: none"> (4) 5.25" for CDR/DVD-ROM or recordable media drive (5) 3.5" internal hard drive bays (2) external 3.5" for floppy or ZIP drive. 	SCSI	<ul style="list-style-type: none"> On brd LSI SAS controller (Serial Attached SCSI) up to(8) SAS drives supported
Mainboard	<ul style="list-style-type: none"> S2932G2NR on brd dual GigE For Socket F Opteron CPUs 	Expansion slots	<ul style="list-style-type: none"> (2) independent PCI-Express 16X slots (3) PCI-X slots (1) legacy 32 bit 33mhz PCI
Form Factor	<ul style="list-style-type: none"> MIDTOWER height extended depth, EATX Case 	IDE interface	<ul style="list-style-type: none"> (1) EIDE ATA133 interface (6) On Board SATA interfaces
CPU	<ul style="list-style-type: none"> (2) AMD Opteron™ Socket F up to 3.0GHZ or HE Low power (68W) version 64 bit CPUs 	Power	<ul style="list-style-type: none"> 550 watt EPS low noise power supply
Chipset	<ul style="list-style-type: none"> Nvidia NForce PRO 3600 NEC nPD720400 SMSC DME5017 hardware monitor. LSI 1068E SAS controller 	Accessories	<ul style="list-style-type: none"> A host of PCI-E and PCI-X add on cards are available
Network	<ul style="list-style-type: none"> Dual 100/1000TX GigE optional 1000SX fiber PCI card 	Hot Features	<ul style="list-style-type: none"> Copper heat sink technology for low CPU fan noise (28dB)
		Memory	<ul style="list-style-type: none"> Up to 64GB DDR2 667MHZ ECC registered RAM.

Integrity Linux Systems

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